

Figure 1. Catch per set of opah in the California drift gillnet fishery (CADGN) versus El Niño Southern Oscillation (ENSO) events. Opah catch rates from 1990 to 2009 averaged 2.31 opah/set with peak catch rates observed during 1997 (4.44), 2007 (3.41), and 2009 (4.40). All three years also exhibited signs of a positive ENSO event, as shown in red.

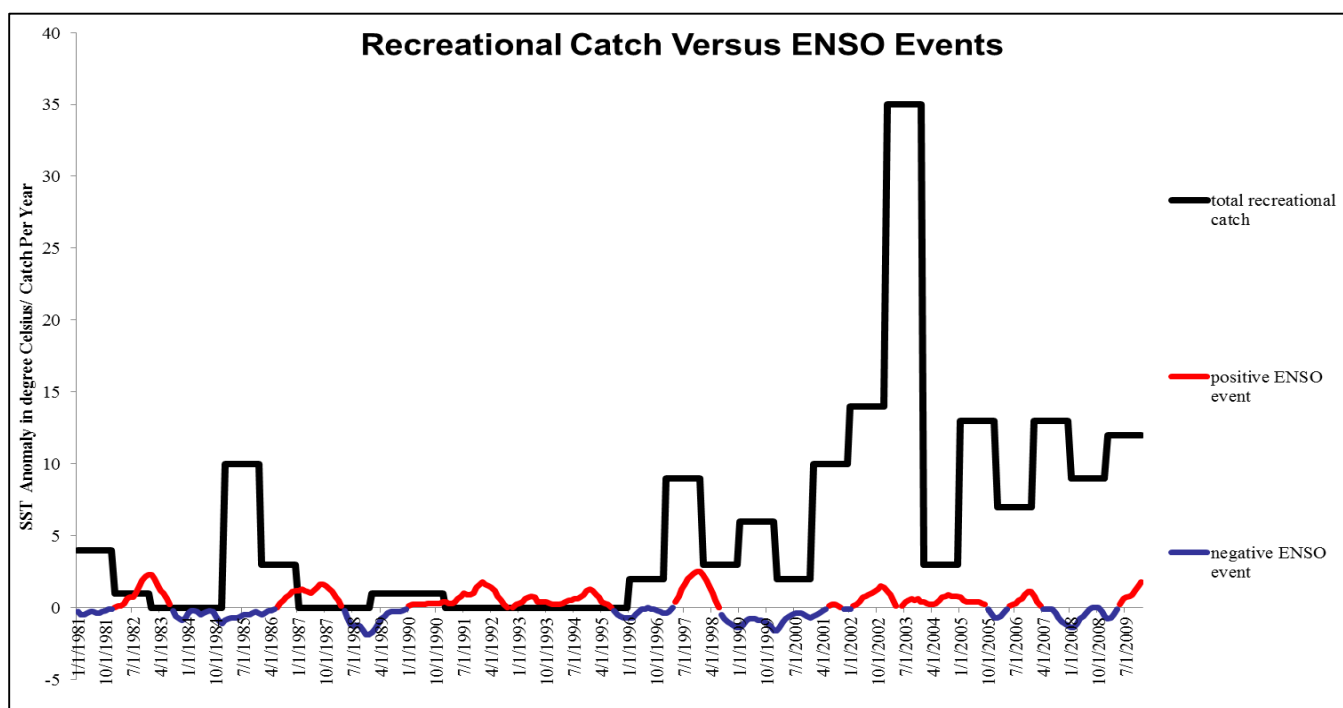


Figure 2. Catch per set of opah in recreational fisheries versus El Niño Southern Oscillation (ENSO) events, 1981-2009. Fishing logbooks reported an average of 5.44 opah/year, with peak catch occurring in 2003 with 35 opah. There appears to be an upward trend of opah catch per year since 1995 according to the recreational fishing logbooks.